

MP3-Player



reddot design award
winner 2007



FEATURES

Playback functions

- Playable file formats: MP3, WMA, WAV, OGG, FLAC
- For music purchased on the Internet: WMA-DRM9-compatible
- For music purchased and rented on the Internet: WMA-DRM10 compatible (Janus)
- Folder navigation
- Music library (music is automatically sorted according to artist, album, title, genre etc.)
- M3U playlist support
- WMP playlist support (MTP)
- Use and edit your own playlist
- Crossfade between two songs
- Gapless playback - seamless playback live music or consecutive tracks without gaps between tracks

Hardware

- Full-color TFT display with 176 x 132 pixels
- Magnetically mounted scroll wheel
- Maximum 32 GB - space for approx. 640 albums
- Exchangeable powerful lithium ion battery (charged via the USB)
- Maximum operating period of approx. 20 hours¹
- Integrated voice recorder to record notes
- Back cover made of high-grade steel
- Easy to hold soft-touch housing

Recording

- Line-In recording from other audio devices (as WAV)
- Record voice from integrated voice recorder (as WAV)

User interface

- Quickbuttons - user-defined button assignment
- 4 dynamic visualization effects to match the music
- DJ mode - create playlists based on what you want to hear
- Cover-Art - the CD cover of the playing songs can be displayed
- ID3 tag display
- File name display
- Language of user interface can be selected

Additional functions

- Image viewer (JPEG) with sorting function based on picture data (EXIF)
- Slide-show function
- Fully parametric Equalizer
- 5 predefined equalizer
- Shuffle function
- Intro function
- Resume function (continue where you stopped when the device was turned off)
- Adjustable play speed
- Files can be deleted directly on the player
- Digital clock

Connections

- Line-in connection to record external audio devices
- Earphone jack
- Hi-Speed USB 2.0 connection (downward-compatible to USB 1.1)

Communication with the PC

- Suitable for new Windows® Vista
- Suitable for Windows® 2000, XP, Vista, Mac® OS X, Linux® from Kernel 2.4.x
- Mobile data storage device ("USB Stick Device")
- Firmware update possible

Software

- MAGIX MP3 Maker SE (software for music administration, podcasts, Web radio, and much more)

vibez accessories

- FM tuner card insertable in device
- Cable remote control with second earphone output (volume separately adjustable)
- Different stylish neoprene bags
- Spare battery



TECHNICAL DATA

HARDWARE

Memory	8 GB, 16 GB, 32 GB
Display	65 536-color TFT, 1.5 inch, 32 mm x 25 mm, 176 x 132 pixels
Interface	Hi-Speed USB 2.0 connection, Multifunctional connection: Line-in + earphone jack (3.5 mm jack)
Color	black/silver
Dimensions (W x H x D)	105 mm x 50 mm x 18 mm
Weight	approx. 71 g

RECORD AND PLAYBACK

Playable file formats	MP3 (CBR/VBR, 32 - 320 kBit/s), OGG (45 - 500 kBit/s), WAV (8 - 48 kHz), WMA (32 - 320 kBit/s), FLAC
DRM (Digital Rights Management)	WMA DRM9, WMA-DRM10 (Janus)
Playlists	M3U playlist, WPL playlist, Personal playlist
Equalizer	Jazz, Classical, Pop, Rock, Trance, Fully parametric equalizer
File information	File name, ID3 tag
Play mode	Normal, Repeat song, Repeat all songs, Shuffle, Repeat shuffle, Folder, Repeat folder, Play function
Resume function	precise to the second
Recording sources	integrated microphone, Line-in
Recording quality	Voice recorder: WAV (8 - 48 kHz), Line-in: WAV (8 - 48 kHz), Recording dynamics: manually adjustable

POWER

Power supply	Lithium-ion battery
Maximum operating time	20 hours ¹
Charge by	USB port, USB charger, approx. 3 hours charging time

COMMUNICATION WITH THE PC

Supported operating systems	Microsoft® Windows 2000, Microsoft® Windows XP, Microsoft® Windows Vista, Mac® OS X from 10.3.x, Linux® from Kernel 2.4.x
Supported USB modes	MSC, MTP
Maximum data transfer rate (read / write)	5.7 MB/s / 5.5 MB/s
Software	MAGIX MP3 Maker SE

OTHER CHARACTERISTICS

File management	Folder navigation, Music library
Headphone output, impedance	7.5 mW (L) + 7.5 mW (R)
Frequency range	20 Hz - 20 kHz
Signal-to-noise ratio	> 90 dB
Languages	German, English, French, Italian, Spanish, Polish, Portuguese, Russian, Turkish, Dutch, Hungarian, Greek



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¹: Based on: default settings; MP3 files: 128 kBit/s; volume: 15/30
We reserve the right to make changes and corrections.